

Converting Colors

XYZ(74.4281, 106.4467,
58.9504)

Have a look what the booklet for
XYZ(74.4281, 106.4467, 58.9504)
contains.

XYZ(63.5630, 84.9247, 55.1615)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.5630, 84.9247,
55.1615)**

Conversions

Conversions Part 1

Format	Color
Hex	B8FFB2
RGB	184, 255, 178
RGB Percent	72%, 100%, 70%
CMY	0.2784, 0.0000, 0.3020
CMYK	0.28, 0.00, 0.30, 0.00
HSL	115°, 100%, 85%
HSV	115°, 30%, 100%
XYZ	63.5630, 84.9247, 55.1615
YIQ	224.9930, -17.5990, -38.9990

Conversions

Conversions Part 2

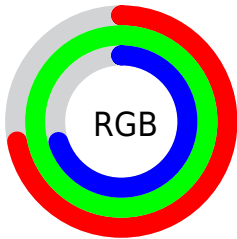
Format	Color
RYB	178, 255, 249
Decimal	12124082
CIELab	93.85, -36.25, 29.96
CIElCh	94, 47.028, 140.425
Yxy	84.9247, 0.3121, 0.4170
Android (android.graphics.Color)	4290314162 (0xFFB8FFB2)
YUV	224.9930, -23.1675, -35.9509
Hunter-Lab	92.1546, -38.1514, 29.0187

Details

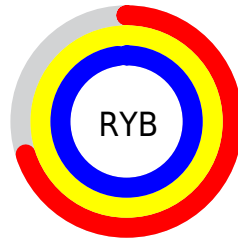
The XYZ color **63.5630, 84.9247, 55.1615** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **73.0384, 59.2018, 102.1853**, and the grayscale version is **71.7329, 75.4686, 82.1853**.

A 20% lighter version of the original color is **86.8869, 96.1613, 91.8235**, and **32.9490, 46.5360, 26.6478** is the 20% darker color. If you saturate the color by 10%, you get **56.0636, 81.3274, 42.6649**, and if you desaturate by 10%, it is **72.4756, 89.1954, 70.2110**.

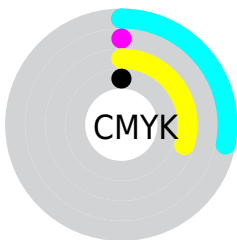
Distribution



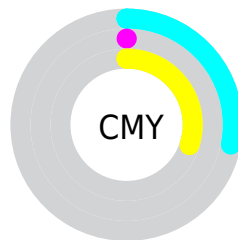
- Red (72%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (98%)



- Cyan (28%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)



- Cyan (28%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5630, 84.9247, 55.1615 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 63.5630, 84.9247, 55.1615 by changing the saturation by 10% instead.

63.5630, 84.9247,
55.1615

63.5630, 84.9247,
55.1615

427.2371,
511.3789, 423.8230

46.5572, 63.7792,
39.1316

109.0586,
140.2680, 99.2511

32.8922, 46.4718,
26.5535

138.2791,
175.2345, 128.1478

22.2027, 32.6183,
17.0087

172.3019,
215.5768, 162.1705

14.1234, 21.8342,
10.0787

211.4922,
261.6793, 201.7377

8.2888, 13.7351,
5.3449

256.2156,
313.9263, 247.2681

4.3336, 7.9367,
2.3887

306.8373,

1.8926, 4.0545,

372.7023, 299.1800

0.7803

363.7227,
438.3917, 357.8922

■ 0.5725, 1.7041,
0.0000

■ 0.0000, 0.4263,
0.0000

■ 63.5630, 84.9247,
55.1615

■ 63.5630, 84.9247,
55.1615

■ 56.0636, 81.3274,
42.6649

■ 72.4756, 89.1954,
70.2110

■ 49.9032, 78.3685,
32.5760

■ 82.8672, 94.1708,
87.9398

■ 45.0031, 76.0108,
24.7411

94.8014, 99.8811,
108.4708

■ 41.2759, 74.2128,
18.9870

95.0500, 100.0000,
108.9000

■ 38.6227, 72.9280,
15.1157

■ 36.9284, 72.1021,
12.8906

■ 36.0458, 71.6673,
11.9334

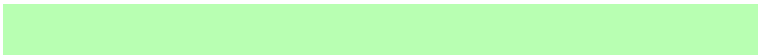
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.6125, 84.9247, 41.7738



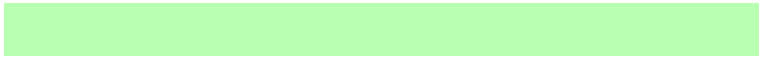
63.5630, 84.9247, 55.1615



59.2492, 84.9247, 81.4779

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.5630, 84.9247, 55.1615



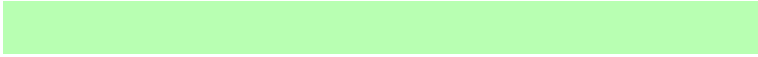
76.7835, 84.9247, 178.3767



105.4203, 84.9247, 70.4533

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



63.5630, 84.9247, 55.1615



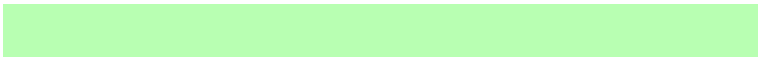
73.0384, 59.2018, 102.1853

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



106.8329, 84.9247, 104.4057



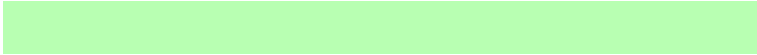
63.5630, 84.9247, 55.1615



89.4061, 84.9247, 173.2037

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.5630, 84.9247, 55.1615



66.3449, 84.9247, 156.3707



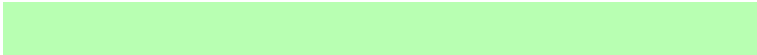
100.7122, 84.9247, 143.6593



97.0310, 84.9247, 48.8891

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.5630, 84.9247, 55.1615



59.2997, 84.9247, 105.5008



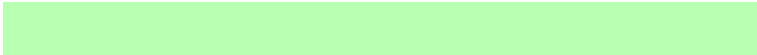
100.7122, 84.9247, 143.6593



106.7582, 84.9247, 80.5563

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



63.5635, 84.9249, 55.1628



84.2111, 94.8140, 90.2437



83.0232, 91.9686, 55.4967



17.6751, 20.1268, 18.7166



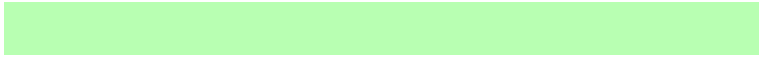
0.0000, 0.0000, 0.0000



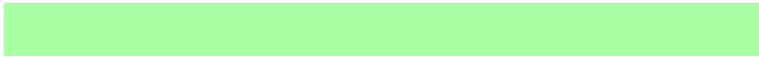
20.3446, 21.4041, 23.3091

Same Dimension

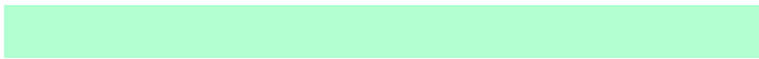
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.5635, 84.9249, 55.1628



59.0424, 82.7568, 47.6062



65.7641, 85.6426, 74.0927



17.9026, 20.2357, 19.1066



18.8807, 37.4715, 6.2376



1.8815, 3.6707, 0.6094

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



73.0384, 59.2018, 102.1853



69.8405, 53.4143, 101.2367



70.4691, 58.4251, 77.3169



18.6448, 18.2241, 22.7849



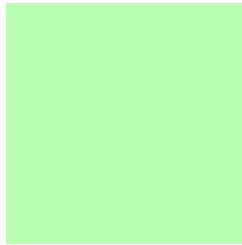
27.4155, 13.0437, 50.5073



2.7092, 1.2905, 4.9196

Previews

White Background



This preview shows how the XYZ color 63.5630, 84.9247, 55.1615 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 63.5630, 84.9247, 55.1615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

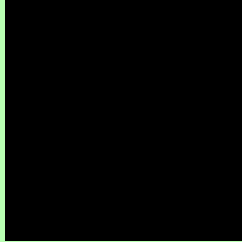
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

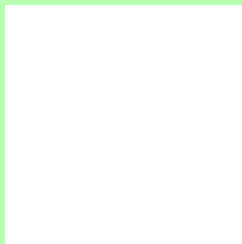
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.5630, 84.9247, 55.1615

Background



This preview shows how black text looks on a background with the XYZ color 63.5630, 84.9247, 55.1615.



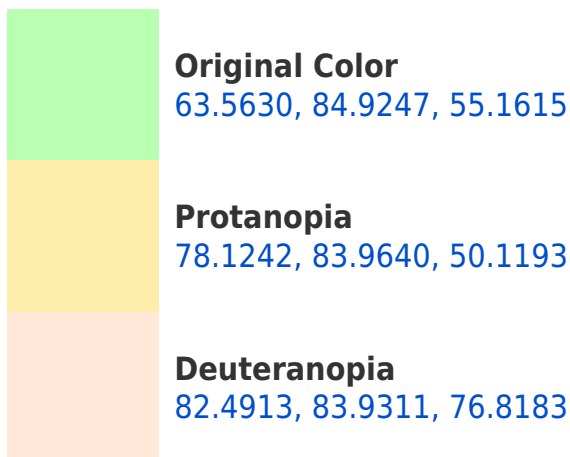
This preview shows how white text looks on a background with the XYZ color 63.5630, 84.9247,

55.1615.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

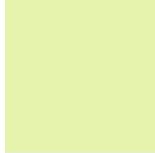
76.9535, 84.7213, 106.9047

Trichromacy



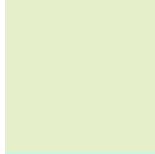
Original Color

63.5630, 84.9247, 55.1615



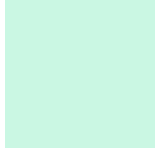
Protanomaly

71.9065, 83.7763, 51.9157



Deuteranomaly

74.1339, 83.2425, 68.0372



Tritanomaly

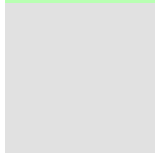
71.4830, 84.6241, 85.2396

Monochromacy



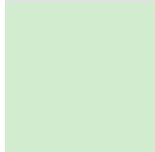
Original Color

63.5630, 84.9247, 55.1615



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

67.9590, 78.2466, 71.1958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5630, 84.9247, 55.1615 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(184, 255, 178)` looks like.

```
.text, #text, p{  
    color:rgb(184, 255, 178)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(184, 255, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 178) }
```

Border

The CSS property to change the border of an element to XYZ 63.5630, 84.9247, 55.1615 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 255, 178) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(184, 255, 178) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(184, 255, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 255, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 255, 178);  
box-shadow:4px 4px 4px 4px rgb(184, 255,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5630, 84.9247, 55.1615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 255, 178) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(184,  
255, 178) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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